

In the Abstract of the Disclosure

Please amend the Abstract of the Disclosure as follows:

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A simulation system is responsive to a plurality of sets of input data for ~~simulating an earth formation located in the vicinity of an oilfield reservoir, generating a set of simulation results in response to the simulation, and displaying the set of simulation results.~~ The simulation system includes a case manager adapted for organizing and managing the a plurality of sets of input data being used by the simulation system. The case manager includes a plurality of case scenarios organized in a tree-like structure, some case scenarios being supersets of other case scenarios in the tree-like structure. An operator selects one or more of the case scenarios in the case manager. A case builder receives keywords associated with the one or more of the case scenarios selected by the operator ~~in addition to keywords originating from one or more pre-processor programs and possibly raw data,~~ allowing the operator to edit or change all the keywords from the selected case scenarios when necessary and pre-processor keywords in response to editing actions taken by the operator, and , responsive thereto, generates a set of edited keywords representing edited case scenarios. A run manager ~~responds to the set of edited case scenarios from the case builder by submitting~~ submits the edited case scenarios to a simulator, ~~the simulator responding to the edited case scenarios from the run manager by executing and thereby generating which generates~~ a set of simulation results , the set of simulation results from the simulator being that are stored in a results file for subsequent display and viewing. The run manager receives the set of simulation results from the results file in addition to the set of edited case scenarios from the case builder thereby enabling an operator to monitor and compare via the run manager the set of simulation results received from the results file with the set of edited case scenarios received from the case builder. A results viewer will display the set of simulation results generated by the simulator and a report generator will generate one or more reports which record the set of simulation results. This Abstract is given for the sole purpose of allowing a searcher to easily determine the content of the disclosure in this application.